

## SEQUENCE LISTING

5 <110> Devgen N.V.

10 <120> Amino acid sequences useful for developing compounds for the prevention and/or treatment of metabolic diseases and nucleotide sequences encoding such amino acid sequences.

15 <130> P 02/003 PCT

20 <160> 9

25 <170> PatentIn version 3.1

<210> 1

30 <211> 465

<212> PRT

35 <213> Caenorhabditis elegans

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65 70 75 80

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|    |     | 145 |     |     |     | 150 |     |     |     |     | 155 |     |     |     |     | 160 |  |
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|    |     |     |     |     | 165 |     |     |     |     | 170 |     |     |     |     | 175 |     |  |
| 30 | Pro | Leu | Ile | Ala | Val | Pro | Thr | Thr | Ala | Gly | Thr | Gly | Ser | Glu | Thr | Thr |  |
|    |     |     |     | 180 |     |     |     |     | 185 |     |     |     |     | 190 |     |     |  |
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|    |     |     |     | 245 |     |     |     |     |     | 250 |     |     |     |     | 255 |     |  |
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25 Leu Cys Asp Arg Leu Arg Gly Tyr Met Arg Asp Phe Gly Val Pro Asn  
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30 Gly Leu Lys Gly Met Gly Phe Glu Phe Ser Asp Ile Glu Met Leu Thr  
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35 Glu Ala Ala Ser His Ser Val Pro Asn Ile Ala Ile Ser Pro Lys Ser  
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50 <213> Caenorhabditis elegans

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<213> Homo sapiens

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45 Asp Lys Asn Leu Ser Lys Leu Pro Pro Val Gln Val Ala Met Asp Ser  
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50 Leu Val Lys Asn Gly Ile Pro Phe Thr Val Tyr Asp Asn Val Arg Val  
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Glu Pro Thr Asp Ser Ser Phe Met Glu Ala Ile Glu Phe Ala Gln Lys  
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Phe Thr Phe Thr Ala Gln Met Phe Pro Glu Arg His Leu Glu Met Ala  
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Glu Ile Leu Gly Ala Asp Thr Arg Thr Ala Arg Ile Gln Asp Ala Gly  
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Leu Val Leu Ala Asp Thr Leu Arg Lys Phe Leu Phe Asp Leu Asp Val  
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Asp Asp Gly Leu Ala Ala Val Gly Tyr Ser Lys Ala Asp Ile Pro Ala  
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Leu Val Lys Gly Thr Leu Pro Gln Glu Arg Val Thr Lys Leu Ala Pro  
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Lys Leu Tyr  
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<213> Homo sapiens

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<213> Homo sapiens

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50 Glu Pro Thr Asp Ser Ser Phe Met Glu Ala Ile Glu Phe Ala Gln Lys  
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55 Gly Ala Phe Asp Ala Tyr Val Ala Val Gly Gly Gly Ser Thr Met Asp  
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Thr Cys Lys Ala Ala Asn Leu Tyr Ala Ser Ser Pro His Ser Asp Phe

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| 10 | Pro Leu Lys Pro Leu Ile Ala Val Pro Thr Thr Ser Gly Thr Gly Ser<br>130 135 140     |     |     |
| 15 | Glu Thr Thr Gly Val Ala Ile Phe Asp Tyr Glu His Leu Lys Val Lys<br>145 150 155 160 |     |     |
| 20 | Ile Gly Ile Thr Ser Arg Ala Ile Lys Pro Thr Leu Gly Leu Ile Asp<br>165 170 175     |     |     |
| 25 | Pro Leu His Thr Leu His Met Pro Ala Arg Val Val Ala Asn Ser Gly<br>180 185 190     |     |     |
| 30 | Phe Asp Val Leu Cys His Ala Leu Glu Ser Tyr Thr Thr Leu Pro Tyr<br>195 200 205     |     |     |
| 35 | His Leu Arg Ser Pro Cys Pro Ser Asn Pro Ile Thr Arg Pro Ala Tyr<br>210 215 220     |     |     |
| 40 | Gln Gly Ser Asn Pro Ile Ser Asp Ile Trp Ala Ile His Ala Leu Arg<br>225 230 235 240 |     |     |
| 45 | Ile Val Ala Lys Tyr Leu Lys Arg Ala Val Arg Asn Pro Asp Asp Leu<br>245 250 255     |     |     |
| 50 | Glu Ala Arg Ser His Met His Leu Ala Ser Ala Phe Ala Gly Ile Gly<br>260 265 270     |     |     |
| 55 | Phe Gly Asn Ala Gly Val His Leu Cys His Gly Met Ser Tyr Pro Ile<br>275 280 285     |     |     |
|    | Ser Gly Leu Val Lys Met Tyr Lys Ala Lys Asp Tyr Asn Val Asp His<br>290 295 300     |     |     |
|    | Pro Leu Val Pro His Gly Leu Ser Val Val Leu Thr Ser Pro Ala Val<br>305 310 315 320 |     |     |
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Asp Asp Gly Leu Ala Ala Val Gly Tyr Ser Lys Ala Asp Ile Pro Ala  
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Lys Leu Tyr

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<211> 1830

<212> DNA

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